

FIG. 1

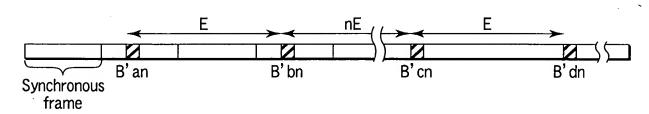
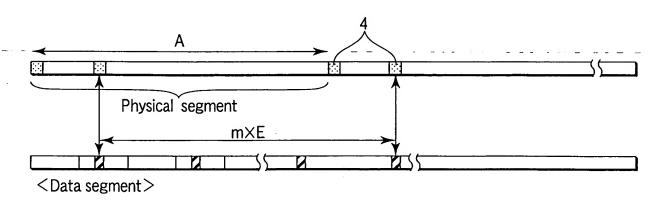
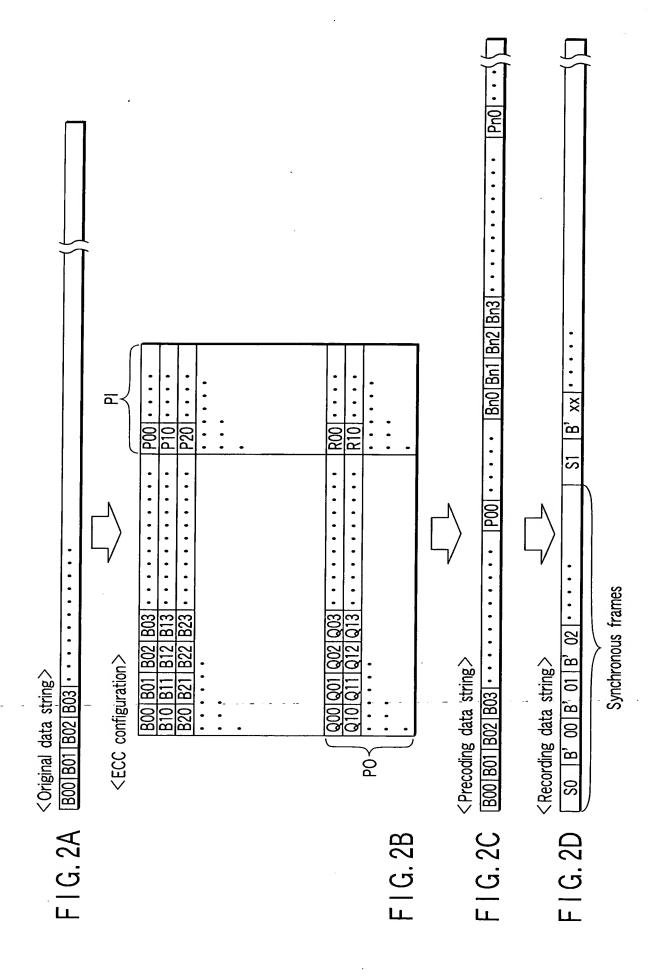
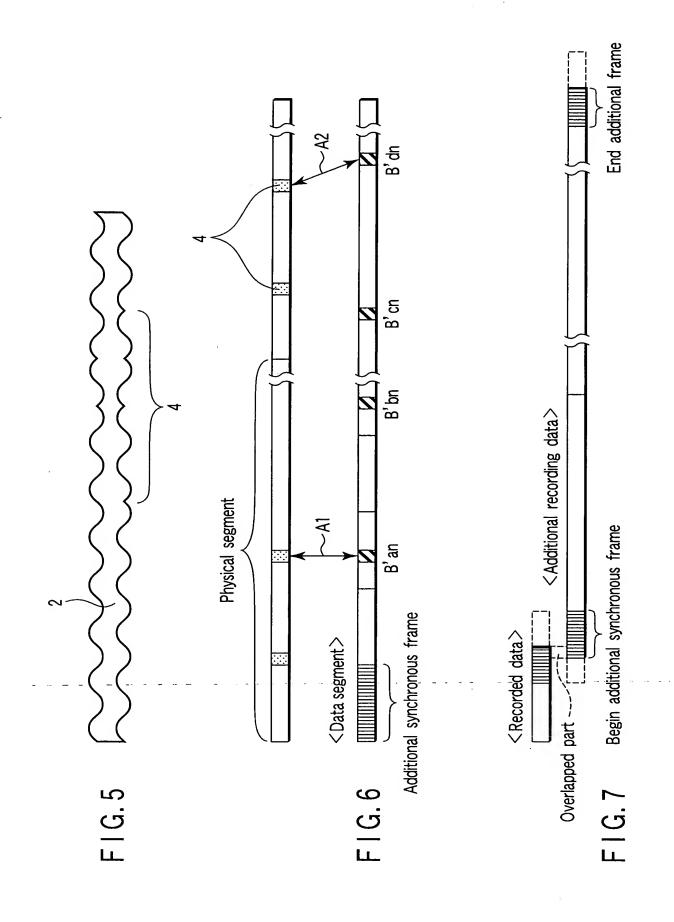


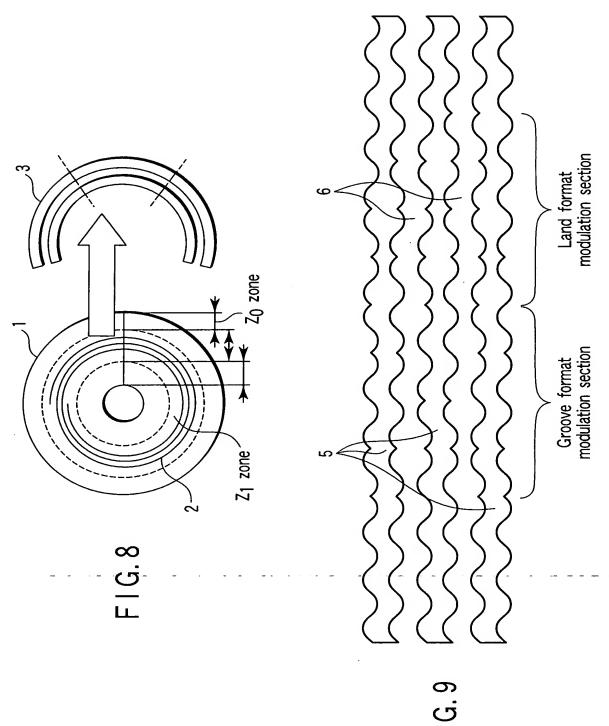
FIG.3



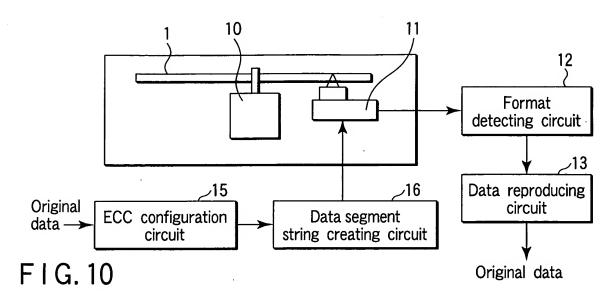
F I G. 4

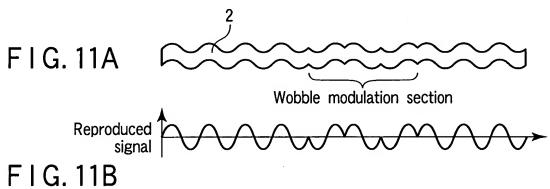






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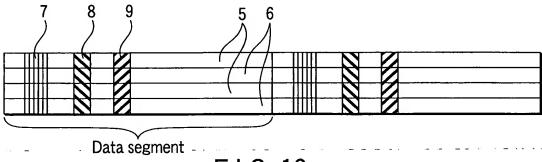


FIG. 12

	Binary code	Gray code 000000
	000000 000001	000001
F I G. 13 ≺	000010	000011
1 1 G. 13	000011	000010
	000100	000110
	000101	000111
	000110	001111

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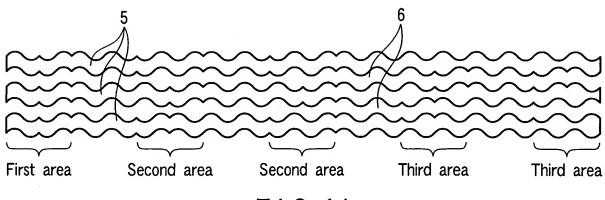
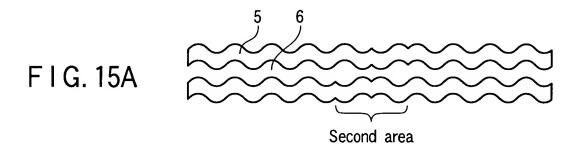
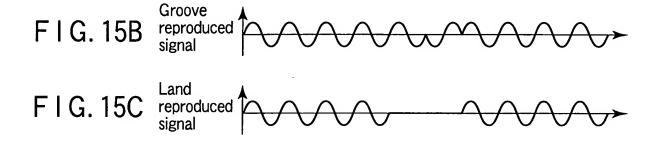
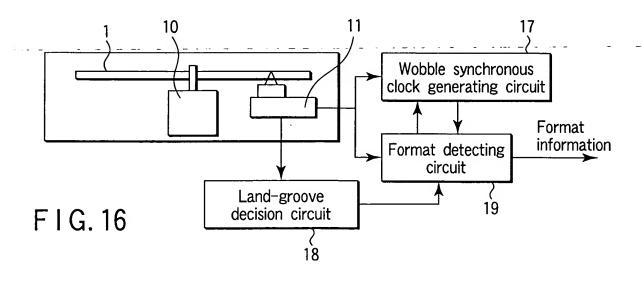
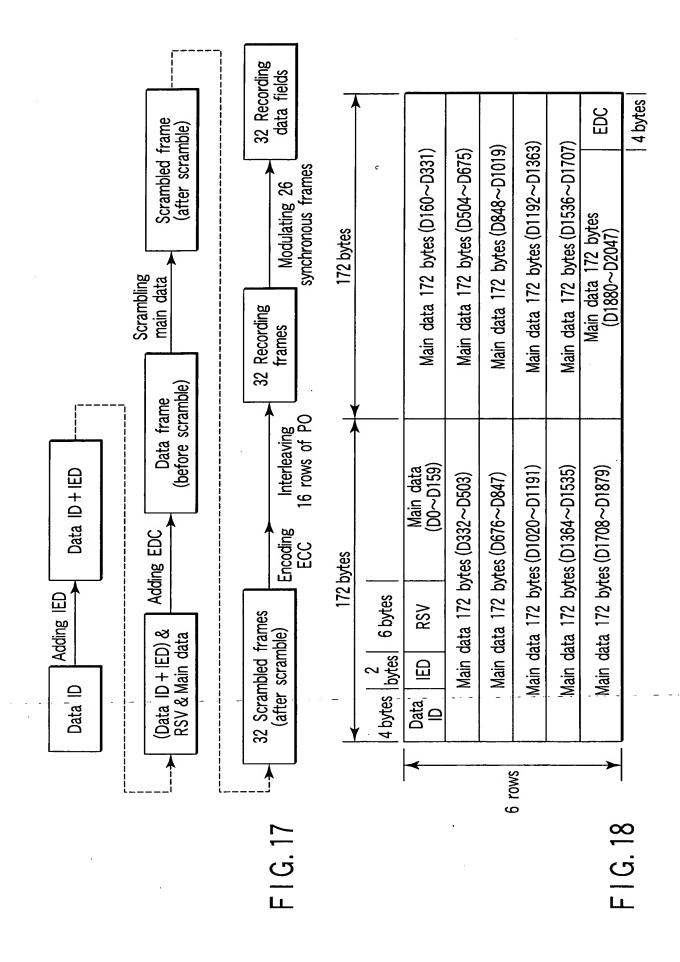


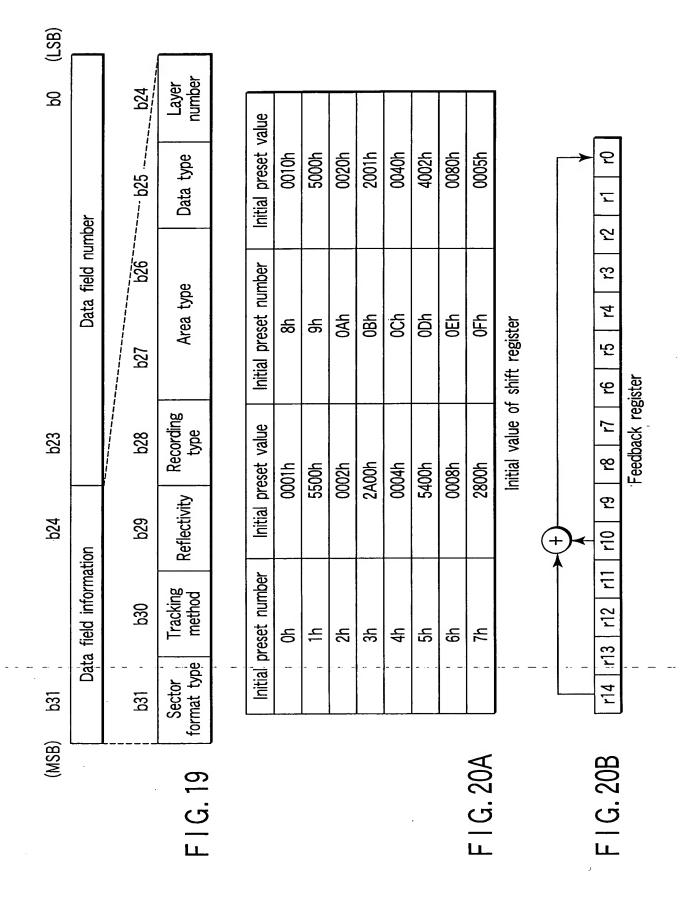
FIG. 14











					PI 10 bytes			172 bytes →			PI 10 bytes →		
_		B0,0		B0,171	B0,172		B0,181	B0,182		B0,353	B0,354		B0,363
		B1,0		B1,171	B1,172		B1,181	B1,182		B1,353	B1,354		B1,363
	6	B2,0		B2,171	B2,172		B2,181	B2,182		B2,353	B2,354		B2,363
	192 rows	D190 0		B189,171	D100 170		B189,181	D100 102		D100 252	B189,354	<u>-:</u>	D100 262
	l	B189,0			B189,172			B189,182					B189,363
		B190,0		B190,171	B190,172		B190,181	B190,182		B190,353			B190,363
_	Y	B191,0		B191,171	B191,172		B191,181	B191,182		B191,353	B191,354		B191,363
	\$ ▲	B192,0		B192,171	B192,172		B192,181	B192,182		B192,353	B192,354		B192,363
8	rows												
_	<u>~</u>	B207,0		B207,171	B207,172		B207,181	B207,182		B207,353	B207,354		B207,363

(ECC block structure)

F I G. 21

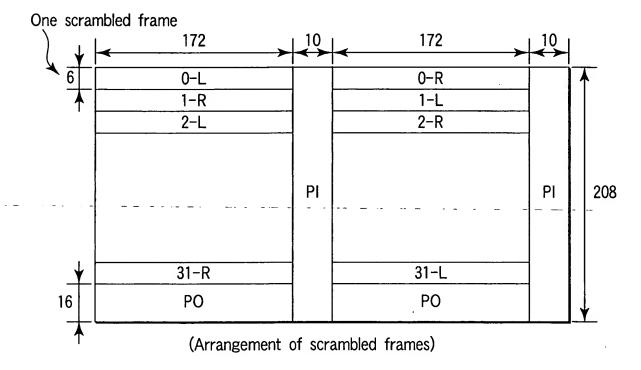


FIG. 22

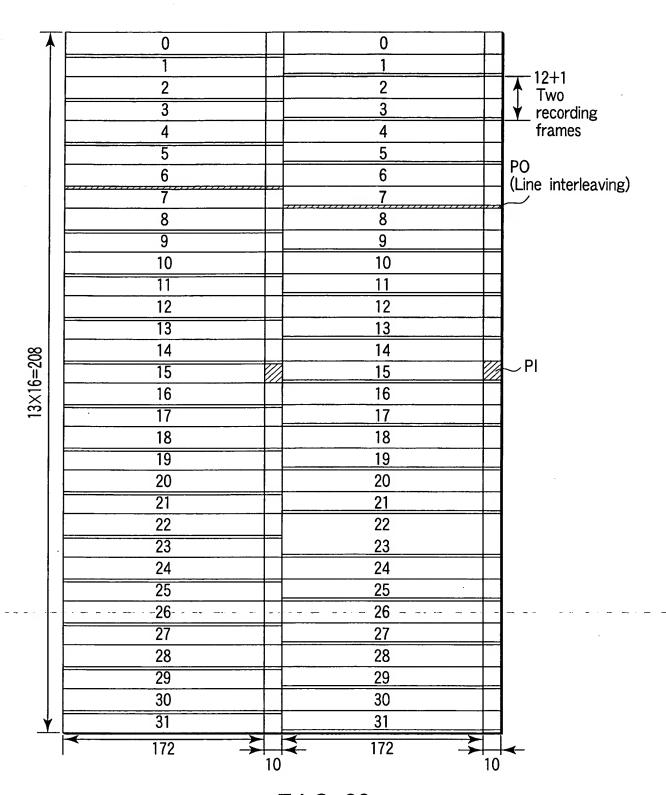
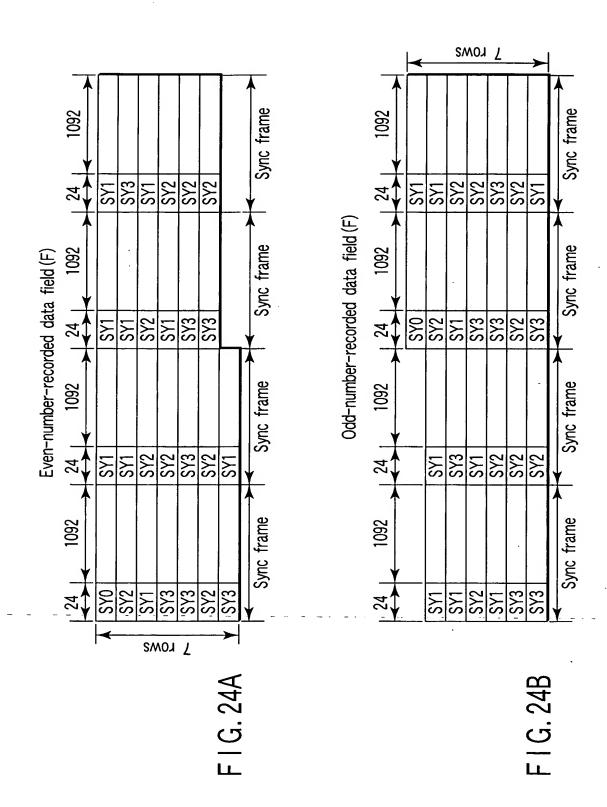


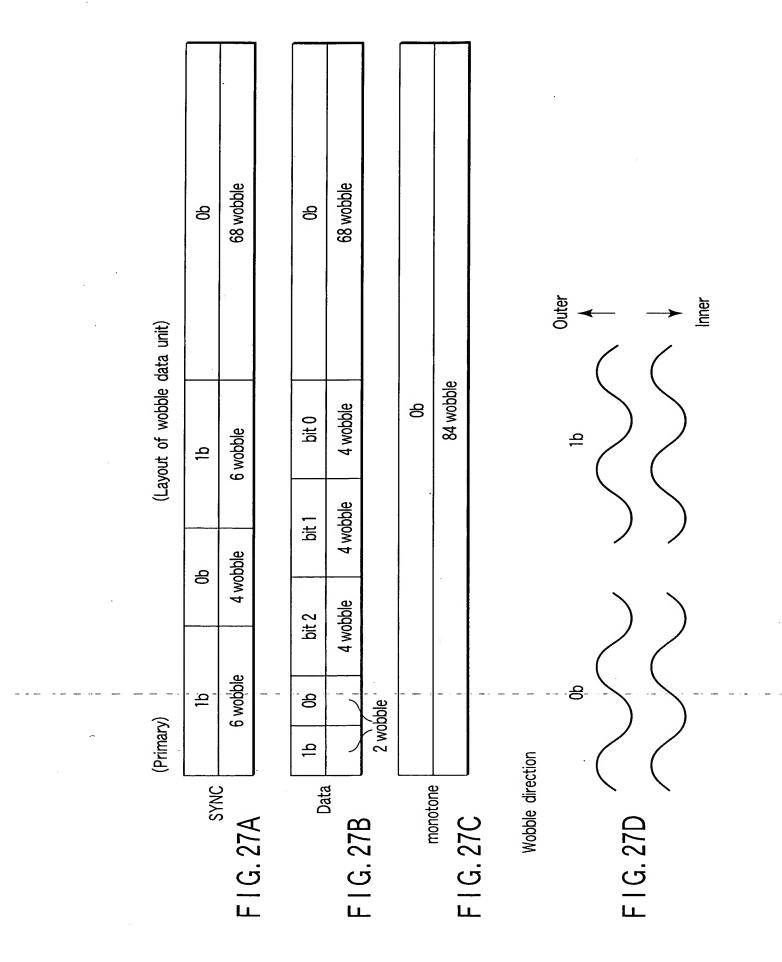
FIG. 23



	(LSB)	001001	001001	001001	001001		(LSB)	001001	001001	001001	001001	
	Secondary SYNC codes	000000	000000	000000	000000		SYNC codes	000000	000000	000000	000000	
	Secondary	001000	101000		001000		Secondary	001000	101000	001000	001000	
	(MSB)	000010	100010	101000	101010		(MSB)	000100	001010	010000	010101	(e)
	•	\	\	\	\			\	\	\	\	C code
	(LSB)	001001	001001	.001001	00100		(LSB)	001001	001001	001001	001001	(SYNC
	Primary SYNC codes	000000	000000	000000	000000		Primary SYNC codes	000000	000000	000000	000000	
	Primary S	101000	001000	001000	001000		Primary S	101000	001000	101000	001000	
	(MSB)	000010	100001	100100	101000		(MSB)	000100	001001	010000	010100	
_		- -	- -	- II· -	- 11	 		-	- 11-	- 11 -		
Stated		SY0	SY1	SY2	SY3	State1		SY0	SY1	SY2	SY3	Į

: 1G 2F

g				_						ප	26 wobble
Guard area	Guard PA,etc		9							bit 0	4 wobble 2
			2			1		ole		bit 1	4 wobble
					4 15 16		용	68 wobble		bit 2	4 wobble
	ne)		4		13 14					90	2 2 wobble wobble
	ata fra				11 12					at 1	2 wobble
	ECC block (32 Data frame)		က		10						
	ECC bl				8		bit 0	4 wobble			
			2		2 9			4 wobble 4 w	-	:	ple
		i	1		1 5		bit 1	-		9	42 wobble
				<i> </i>	3		bit 2	4 wobble			
Guard area	Guard VFO,PS,etc		Physical segment 0	n – •	1 2		. ල 	2 2 wobble wobble	_ <u>-</u> :		3
Gual	r VFO,		Ph		0		9) wobbl			
	Data segment format	F I G. 26A	F1G.26B		Physical segment format	F1G.26C	Wobble data unit	(Primary)		Wobble data unit	(Secondary for R) FIG. 26E



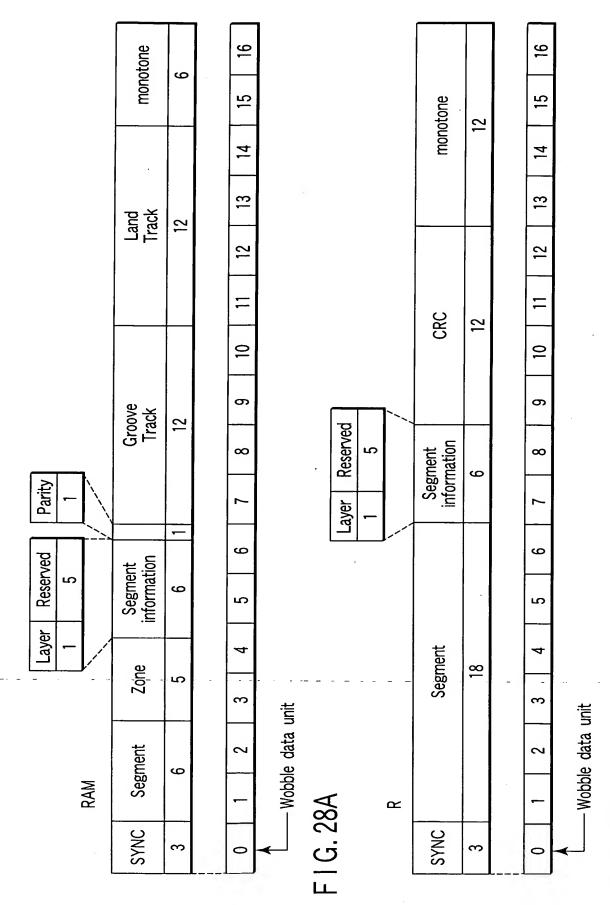
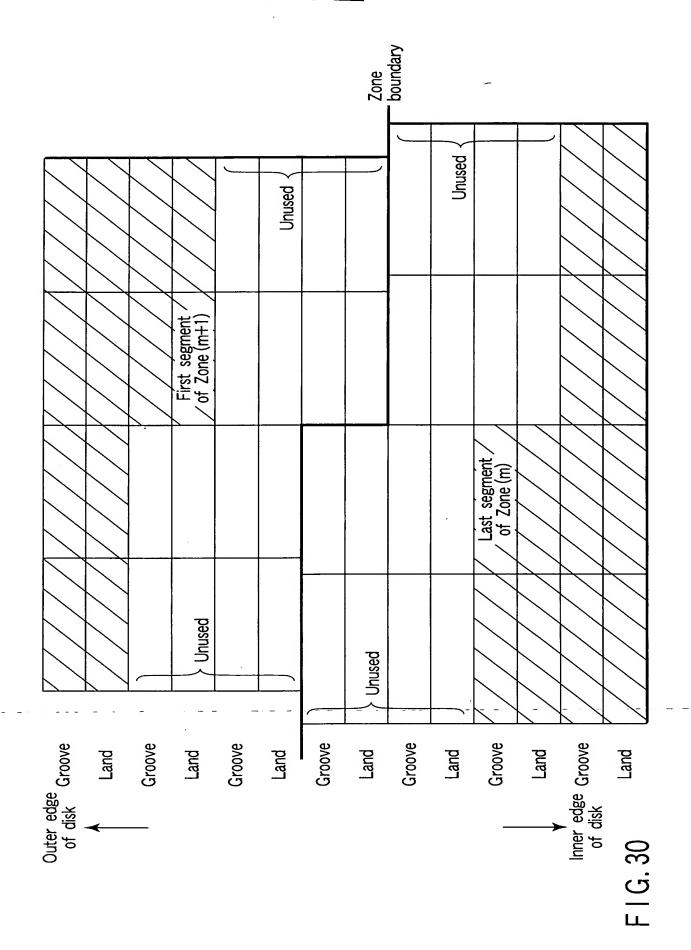


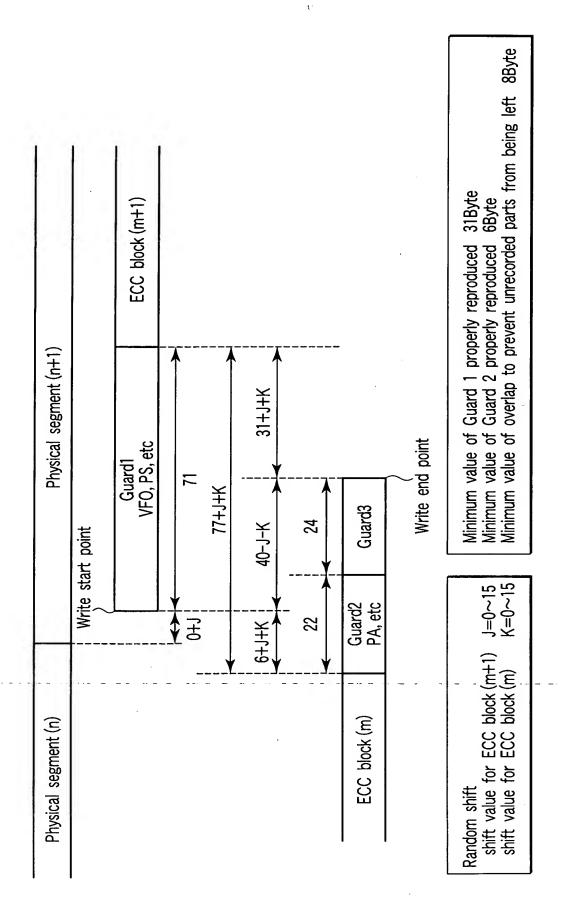
FIG. 28B

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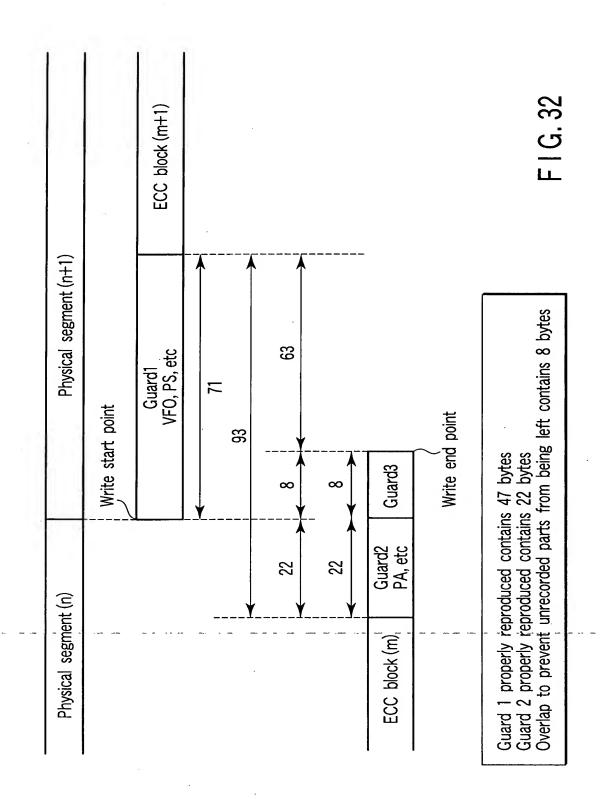
monotone	monotone	monotone	monotone	monotone	monotone	
ı	Land track (m+2)	ı	Land track (m+1)	1	Land track (m)	
Groove track (m+2)	1	Groove track (m+1)	ı	Groove track (m)	Î	
Parity	Parity	Parity	Parity	Parity	Parity	
Segment information	Segment information	Segment information	Segment information	Segment information	Segment information	
Zone	Zone	Zone	Zone	Zone	Zone	
 Segment	Segment	Segment	Segment	Segment	Segment ·	· - -
SYNC	SYNC	SYNC	SYNC	SYNC	SYNC	
 Groove	Land	Groove	Land	Groove	Land	·

FIG. 29





F1G.31



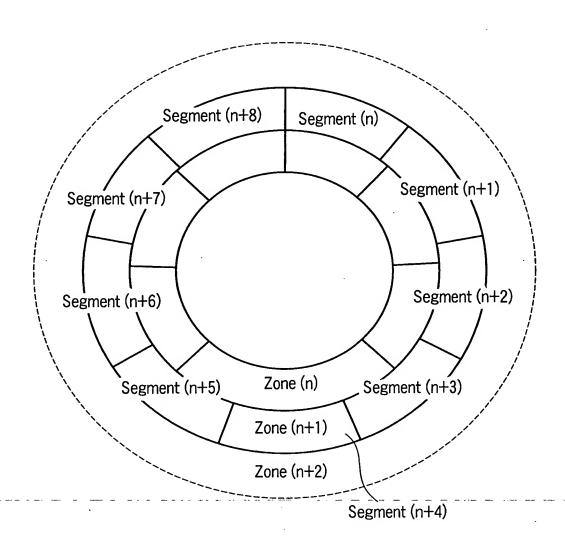
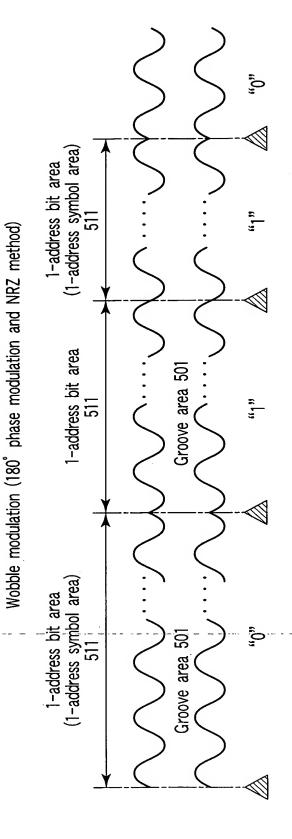
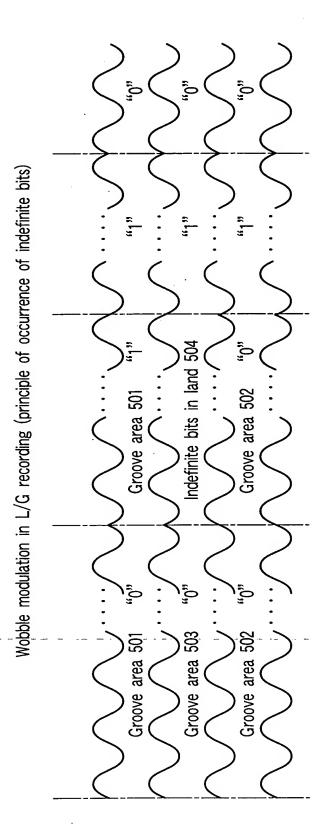


FIG. 33

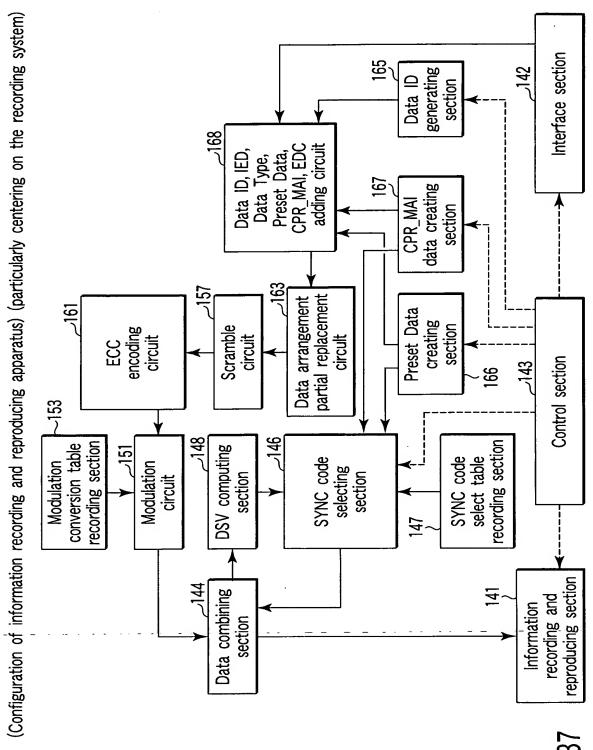




F G. 35

Example of Gray code

Decimal number	Conventional binary representation	Gray code representation		
0	0000	0000		
1	0001	0001		
2	0010	0011		
3	0011	0010		
4	0100	0110		
5	0101	0111		
6	0110	0101		
7	0111	0100		
8	1000	1100		
9	1001	1101		
10	1010	1111		
11	1011	1110		
12	1100	1010		
13	1101	1011		
14	1110	1001		
15	1111	1000		



- 1 G. 37

